Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040921.D
Acq On : 13 May 2019 21:19
Operator : HP/JU
Sample : IDOC-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-01

Manual Integrations APPROVED
Sohil
5/14/2019 8:04:41 PM

Quant Time: May 14 02:27:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	51135	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	224361	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	160579	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	413697	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	417631	20.00	ng		-0.04
87) Perylene-d12	25.13	264	451811	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	441872	152.33	ng		-0.02
7) Phenol-d6	7.28	99	660269	147.83	ng		-0.02
23) Nitrobenzene-d5	9.31	82	373386	76.90	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	352946	159.91	ng		-0.02
45) 2-Fluorobiphenyl	13.38	172	892541	80.27	ng		-0.04
79) Terphenyl-d14	20.10	244	1593076	84.51	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	39131	29.661	ng		93
3) Pyridine	3.93	79	111697	29.210	ng		97
4) n-Nitrosodimethylamine	3.85	42	64371	30.350	ng		98
6) Aniline	7.45	93	153971	26.008	ng		97
8) 2-Chlorophenol	7.69	128	146735	41.427	ng		98
9) Benzaldehyde	7.27	77	78489	26.277	ng		90
10) Phenol	7.31	94	205056	42.709	ng		98
11) bis(2-Chloroethyl)ether	7.55	93	128508	35.693	ng		93
12) 1,3-Dichlorobenzene	8.02	146	145138	37.541	ng		96
13) 1,4-Dichlorobenzene	8.16	146	148593	37.914	ng		98
14) 1,2-Dichlorobenzene	8.49	146	146290	38.705	ng		97
15) Benzyl Alcohol	8.36	79	167022	35.939	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	204450	28.522	ng		94
17) 2-Methylphenol	8.56	107	144795	42.615	ng		97
18) Hexachloroethane	9.22	117	57662	35.866	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	129193	32.133	ng		90
20) 3+4-Methylphenols	8.89	107	201207	42.508	ng		95
22) Acetophenone	8.96	105	239988	38.466	ng	#	93
24) Nitrobenzene	9.35	77	197038	38.033	ng		94
25) Isophorone	9.86	82	372904	34.477	ng		99
26) 2-Nitrophenol	10.06	139	89030	47.941	ng		97
27) 2,4-Dimethylphenol	10.10	122	164490	47.208	ng		99
28) bis(2-Chloroethoxy)methane	10.34	93	200479	36.944	ng		99
29) 2,4-Dichlorophenol	10.59	162	185876	46.924	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	190424	43.349	ng		98
31) Naphthalene	11.00	128	472579	39.647	ng		99
32) Benzoic acid	10.23	122	104992	44.016	ng		95
33) 4-Chloroaniline	11.11	127	134300	25.412	ng		94
34) Hexachlorobutadiene	11.27	225	137576	42.422	ng		97
35) Caprolactam	11.90	113	59061	37.764	ng	#	75
36) 4-Chloro-3-methylphenol	12.22	107	203189	40.661	ng		100
37) 2-Methylnaphthalene	12.60	142	360183	40.415	ng		98
38) 1-Methylnaphthalene	12.82	142	347543m	39.897	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	258896	43.279	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	303012	85.843	ng		98
43) 2,4,6-Trichlorophenol	13.19	196	173880	48.100	ng		96
44) 2,4,5-Trichlorophenol	13.27	196	183284	46.543	ng		96
46) 1,1'-Biphenyl	13.59	154	484445	38.857	ng		96
47) 2-Chloronaphthalene	13.65	162	403388	41.344	ng		97
48) 2-Nitroaniline	13.85	65	140916	40.574	ng		91
49) Acenaphthylene	14.49	152	618621	37.370	ng		99
50) Dimethylphthalate	14.21	163	539668	40.168	ng		99
51) 2,6-Dinitrotoluene	14.34	165	117699	44.886	ng		88
52) Acenaphthene	14.83	154	362356	37.588	ng		96
53) 3-Nitroaniline	14.67	138	92827	34.550	ng	#	91
54) 2,4-Dinitrophenol	14.87	184	108964	74.234	ng	#	90
55) Dibenzofuran	15.16	168	618492	39.169	ng		97
56) 4-Nitrophenol	14.97	139	190821	81.909	ng	#	87
57) 2,4-Dinitrotoluene	15.12	165	168789	47.371	ng		89
58) Fluorene	15.81	166	489204	38.331	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.38	232	190941	48.174	ng		94
60) Diethylphthalate	15.56	149	550060	38.804	ng		100
61) 4-Chlorophenyl-phenylether	15.79	204	313660	42.256	ng		95
62) 4-Nitroaniline	15.83	138	117315	39.035	ng		92
63) Azobenzene	16.08	77	492360	33.727	ng		95
65) 4,6-Dinitro-2-methylphenol	15.88	198	87838	43.818	ng		84
66) n-Nitrosodiphenylamine	16.01	169	462563	38.004	ng		98
67) 4-Bromophenyl-phenylether	16.68	248	205613	39.893	ng		93
68) Hexachlorobenzene	16.80	284	213558	40.072	ng		97
69) Atrazine	16.95	200	196002	40.645	ng		99
70) Pentachlorophenol	17.15	266	283939	91.048	ng		97
71) Phenanthrene	17.55	178	845204	37.931	ng		98
72) Anthracene	17.64	178	875953	39.109	ng		99
73) Carbazole	17.91	167	750267	36.767	ng		99
74) Di-n-butylphthalate	18.44	149	893284	36.268	ng		99
75) Fluoranthene	19.55	202	1064948	38.352	ng		99
77) Benzidine	19.73	184	332300	29.060	ng		98
78) Pyrene	19.91	202	1074004	41.031	ng		99
80) Butylbenzylphthalate	20.78	149	421138	41.280	ng		92
81) Benzo(a)anthracene	21.77	228	1068099	40.467	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	302271	32.130	ng		100
83) Chrysene	21.84	228	1051785	41.900	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	595016	40.404	ng		96
85) Di-n-octyl phthalate	22.89	149	1089211	43.917	ng	#	71
86) Indeno(1,2,3-cd)pyrene	28.98	276	1329445	43.804	ng	#	90
88) Benzo(b)fluoranthene	24.06	252	1096208	39.704	ng	#	97
89) Benzo(k)fluoranthene	24.13	252	1091103	42.316	ng	#	98
90) Benzo(a)pyrene	24.97	252	1082772	41.430	ng		99
91) Dibenzo(a,h)anthracene	29.06	278	1103199	41.713	ng		96
92) Benzo(g,h,i)perylene	30.20	276	1061113	40.314	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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